


# PROCESS FOR CLEANING OF THE HYDROCHLORIC ACID CONTENT OF THE TECHNOLOGICAL ENDGASES ORIGINATING IN PHOSGENE SYNTHESIS

**Publication number:** HU0203023 (A2)

**Also published as:**

**Publication date:** 2004-03-01

 HU0203023 (A3)

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**Classification:**

- international: **C07C68/02; C07C68/00;** (IPC1-7): C07C68/02

- European:

**Application number:** HU20020003023 20020916

**Priority number(s):** HU20020003023 20020916

Abstract not available for **HU 0203023 (A2)**

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L1 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2010 ACS on STN  
AN 2007:767427 HCAPLUS Full-text  
DN 147:277141

TI Process for cleaning of the hydrochloric acid content of the  
technological

end-gases originating in phosgene synthesis

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PA Hung.

SO Hung. Pat. Appl., 12 pp.

CODEN: HUXXCV

DT Patent

LA Hungarian

FAN.CNT 1

|              | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE |
|--------------|---------------|------|----------|-----------------|------|
|              | -----         | ---- | -----    | -----           | ---- |
| PI           | HU 2002003023 | A2   | 20040301 | HU 2002-3023    |      |
| 20020916 <-- |               |      |          |                 |      |
|              | HU 2002003023 | A3   | 20041129 |                 |      |
| PRAI         | HU 2002-3023  |      | 20020916 |                 |      |

AB According to the invention, the technol. hydrochloric acid and  
gases formed during phosgene synthesis are treated in one or more  
steps with an absorption washing liquid that is able to extract  
the organic contaminations, then having been freed of organic  
contaminations, the hydrochloric acid gas is used to produce a  
pure hydrochloric acid solution or it is dehydrated by adding  
phosgene and used for oxychlorination.

L3 ANSWER 3 OF 5 WPIX COPYRIGHT 2010 THOMSON REUTERS on STN  
AN 2004-350106 [200433] WPIX Full-text  
DNC C2004-133019 [200433]  
TI Purification of hydrochloric acid gases separated from end-gases  
resulting  
from synthetic preparations involving phosgene  
DC E16; E36; J01  
IN MOGYORODI F  
PA (MOGY-I) MOGYORODI F  
CYC 1  
PI HU 2002003023 A2 20040301 (200433)\* HU 1[0]  
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ADT HU 2002003023 A2 HU 2002-3023 20020916  
PRAI HU 2002-3023 20020916  
IPCR C07C0068-00 [I,C]; C07C0068-02 [I,A]  
AB HU 200203023 A2 UPAB: 20050528  
NOVELTY - Hydrochloric acid gas (HCl gas) separated from end  
gases evolved during chemical syntheses involving phosgene is  
purified in a single or in several stages using absorbing  
elutriating liquids that are capable of removing organic compounds.  
The organic compound-free gas is used in the preparation of pure  
HCl acid solutions, or by dewatering the gas with phosgene, for  
oxychlorination.  
USE - Used for the purification of hydrochloric acid gases  
separated from end-gases resulting from synthetic preparations  
involving phosgene.  
MC CPI: E11-Q01; E31-B02; J01-E02